

May 2016

CURRICULUM VITAE

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ORGANIZATION: Department of Commerce
National Oceanic & Atmospheric Administration
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PRESENT POSITION: Supervisory Research Fishery Biologist

EDUCATION: B.S., Biology, San Diego State University, 1982
M.S., Biology, San Diego State University, 1989

TITLE OF

DISSERTATION: "Meiofaunal recolonization of defaunated sediments in Mission Bay, with emphasis on the Copepoda (Harpacticoida)".

EXPERIENCE: 2005-present Supervisory Research Fishery Biologist
National Marine Fisheries
Service
La Jolla, California

1989-2005 Fishery Biologist (Research)
National Marine Fisheries Service
La Jolla, California

1984-1989 Laboratory Manager
Hubbs Marine Research Center
San Diego, California

1982-1984 Teaching Assistant
San Diego State University
San Diego, California

RESEARCH INTERESTS: Fish populations/life histories
Shipboard sampling techniques
California Current processes

HONORS

AND AWARDS: Quality Step Increase, 1998, 2001
NOAA group bronze medal for fisheries, 1996, 2008
Special Act and Service Award, March 1995, 2000, 2003
Outstanding Performance Award 1992, 1993, 1994, 1995, 1996, 1997,
1998
NOAA Fisheries supervisor employee of the year 2010

PUBLICATIONS:

McClatchie, S., J. Duffy-Anderson, J. C. Field, R. Goericke, D. Griffith, D. S. Hanisko, J. A. Hare, J. Lyczkowski-Shultz, W. T. Peterson, W. Watson, E. D. Weber, and G. Zapfe. 2014. Long time series in US fisheries oceanography. *Oceanography* 27(4):48-67.

McClatchie, S., R. Cowen, K. Nieto, A. Greer, J. Luo, C. Guigand, D. Demer, D. Griffith, and D. Rudnick. 2012. Resolution of fine biological structure including small narcomedusae across a front in the Southern California Bight. *Journal of Geophysical Research* 117, C04020, doi:10.1029/2011JC007565

Lo, N.C.H., B.J. Macewicz, and D.A. Griffith. 2011. Migration of Pacific Sardine (*Sardinops sagax*) off the west coast of United States in 2003–2005. *Bull. of Mar. Sci.* 87(3): 395-412.

Lo, N.C.H., B.J. Macewicz, and D.A. Griffith. 2010. Biomass and reproduction of Pacific sardine (*Sardinops sagax*) off the Pacific northwestern United States, 2003-2005. *Fish. Bull.* 108: 174-192.

Churnside, J.H., D. A. Demer, D.A. Griffith, R. L. Emmett and R. D. Brodeur. 2009. Comparisons of lidar, acoustic and trawl data on two scales in the northeast Pacific ocean. *CalCOFI Rep.*, Vol. 50: 118-122.

Lo, N. C. H., B. J. Macewicz, and D. A. Griffith. 2005. Spawning biomass of Pacific sardine (*Sardinops sagax*), from 1994-2004 off California. *CalCOFI Rep.*, Vol. 46:93-112.

Checkley, D.M. Jr., R.C. Dotson and D.A. Griffith. 1999. Continuous, underway sampling of eggs of Pacific sardine (*Sardinops sagax*) and northern anchovy (*Engraulis mordax*) in spring 1996 and 1997 off southern and central California. *Deep-Sea Res. II* 47 (2000) 1139-1155.

Lo, N.C.H., D.A. Griffith and J.R. Hunter. 1997. Using adaptive cluster sampling to estimate Pacific hake larval abundance. *CalCOFI Rep.*, Vol. 38: 103-113.

Dotson, R.C. and D.A. Griffith. 1996. A high speed midwater rope trawl for collecting coastal pelagic fishes. *CalCOFI Rep.*, Vol. 37:134-139.

REPORTS:

Dorval, Emmanis, Beverly J. Macewicz, David A. Griffith, and Yuhong Gu. 2016. Spawning biomass of Pacific sardine (*Sardinops sagax*) estimated from the daily egg production method off California in 2015. U.S. Department of Commerce, NOAA Technical Memorandum NMFS, NOAA-TM-NMFS-SWFSC-560, 41 p.

Dorval, E., B. J. Macewicz, D. A. Griffith, N. C.H. Lo, and Y. Gu. 2014. Spawning biomass of Pacific sardine (*Sardinops sagax*) estimated from the daily egg production method off California in 2013. U.S. Department of Commerce, NOAA Technical Memorandum NMFS, NOAA-TM-NMFS-SWFSC-535, 40 p.

Lo, N.C.H., B. J. Macewicz, and D.A. Griffith. 2013. Spawning biomass of Pacific sardine (*Sardinops sagax*) off U.S. in 2012. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-SWFSC-505, 39 p.

Lo, N.C.H., B.J. Macewicz, and D. A. Griffith. 2011. Spawning biomass of Pacific sardine (*Sardinops sagax*) off U.S. in 2011. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-SWFSC-486, 38 p.

Lo, N.C.H., B. J. Macewicz, and D.A. Griffith. 2010. Spawning biomass of Pacific sardine (*Sardinops sagax*) off the U.S. in 2010. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-SWFSC-463, 35 p.

Dotson, R. C., D. A. Griffith, D. L. King, and R. L. Emmett. 2010. Evaluation of a marine mammal excluder device (MMED) for a Nordic 264 midwater rope trawl. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-SWFSC-455, 15 p.

Lo, N. C. H., B. J. Macewicz, and D.A. Griffith. 2009. Spawning biomass of Pacific sardine (*Sardinops sagax*) off California in 2009. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-SWFSC-449, 31 p.

Lo, N.C.H., B.J. Macewicz, D.A. Griffith, and R.L. Charter. 2008. Spawning biomass of Pacific sardine (*Sardinops sagax*) off U.S. in 2008. U.S. Dep. of Commer., NOAA Tech. Memo. NMFS-SWFSC-430, 33p.

Lo, N.C.H., B. J. Macewicz, D.A. Griffith, and R.L. Charter. 2007. Spawning Biomass of Pacific sardine (*Sardinops sagax*) off U.S. and Canada in 2006. U.S. Dep. of Commer., NOAA Tech. Memo. NMFS-SWFSC-401, 32 p.

Lo, Nancy C.H., and David Griffith. 1997. Estimation of Pacific hake larval abundance using adaptive sampling [abstract]. In: George W. Boehlert and James D. Schumacher (eds.), *Changing oceans and changing fisheries: environmental data for fisheries research and management, a workshop* (Pacific Grove, 16-18 July 1996), p. 139. U.S. Department of Commerce, NOAA Technical Memorandum NMFS-SWFSC-239.